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ABSTRACT OF THE DISCLOSURE

The present invention is directed to compositions containing hapten-modified tumor cells and extracts and methods of treating cancer by administering a therapeutically effective amount of a composition containing a tumor cell or tumor cell extract to a subject in need of such treatment. The tumor cells and extracts of the invention and compositions thereof are capable of eliciting T lymphocytes that have a property of infiltrating a mammalian tumor, eliciting an inflammatory immune response to a mammalian tumor, eliciting a delayed-type hypersensitivity response to a mammalian tumor and/or stimulating T lymphocytes *in vitro*. The invention also relates to an effective vaccination schedule useful for inducing an antitumor response in a mammalian patient suffering from cancer by inducing at least one of the following: tumor necrosis, tumor regression, tumor inflammation, tumor infiltration by activated T lymphocytes, delayed-type hypersensitivity response, and prolongation of patient survival.